

NISTTech

PLASMONIC ENHANCEMENT OF MATERIAL PROPERTIES

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Abstract

Various plasmonic structures in the form of electrochromic optical switches are described which exhibit relatively high optical switching contrast. The switches generally include a collection of nanoslits formed in a thin electrically conductive film. An electrochromic material is disposed on the conductive film and along the sidewalls of the nanoslit(s).

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References

- US Patent No. 9,046,731

Status of Availability

This invention is available for licensing exclusively or non-exclusively in any field of use.

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